110

Art Unit

BEST AVAILABLE COPY

√ Rejected
= Allowed

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

Applicant(s)

|    |              |                      | L            | ᆚ          |              |        |     |  |              |                | L              |                |
|----|--------------|----------------------|--------------|------------|--------------|--------|-----|--|--------------|----------------|----------------|----------------|
|    | _            |                      |              |            |              |        |     |  |              |                |                |                |
|    |              |                      | Date         |            |              |        |     |  |              |                |                |                |
|    | Final        | 3<br>Original        |              |            |              |        |     |  |              |                |                |                |
|    |              | -                    | ⇒            |            | +            |        | -   | - -  |              | +              | +              |                |
|    | -4           | 4                    | 4            |            | +            | _      | 1-  | - -  |              | +              | +-             | +-             |
|    |              | 1 2                  | ╁            |            | +            |        | {−  | - -  | +            | +-             | +              | +-             |
|    | <del> </del> | +-                   | ╫            | +-         | +            |        | ╁   | +  | - -          | +-             | +-             | -              |
|    | <del> </del> | 4                    | ╁            |            | +            |        | ╢   | ╁  | +-           | +-             | +-             |                |
|    | }            | 1 5                  | ╁            |            | +            |        | ╢   | +  | ╅╌           | +-             | +              | ╁              |
|    | <u> </u>     | 7                    | +            | +          | +            | _      | ╢   | +  | ╁            | ╁              | ╁              | ╁              |
|    | -            | 1 8                  | +            | ╫          | +            |        | -   | +-   | ╁            | ╁              | +              | +              |
|    |              | ₩ <sub>g</sub>       | ₽            | ╁          | +            |        | -   | ╁  | ╅            | ╁              | ╁              | +-             |
|    |              | 10                   | ╁            | +          | +            |        | -   | ╅  | ╅╴           | +              | +              | +-             |
|    |              |                      | 5            |            | #            |        | -   | +-   | +-           | +              | +-             | +              |
| ~  |              | 12                   | 1            | T          | Ŧ            |        | Н   | $^{+}$   | 1-           | +              | +-             | +-             |
|    |              | 12<br>13             | $^{\dagger}$ | 1          | +            |        | _   | †  | +-           | 十              | +-             | T              |
|    |              | 14                   | 1            | 1          | +            |        | _   | 1  | 1            | 1              | 1              | $\top$         |
|    |              | 15                   | T            | T          | 1            |        |     | 1  | 1            | 1              | 1              | 1              |
|    |              | 16                   | Т            | Τ          | T            |        |     | T  | 7            | T              | Τ              | 1              |
|    |              | 17                   |              | I          | Ι            |        |     |  |              |                | Τ              | T              |
|    |              | 18                   |              | L          |              |        |     |  |              |                | Γ              |                |
| -  |              | 19                   | !            | <u>!</u> . | 1            | _!     | _   | 1  | !            | !              | 1              | !              |
| ĺ  |              | 20                   | L.           | _          | 1            | _      |     | L  | 1_           | 1              | 1_             | 1              |
| 1  |              | 21                   | <u> </u>     | Ļ          | 1            | _      |     | 1_   | 1            | 1_             | <u> </u>       | _              |
| -  |              | 22                   | <u> </u>     | 1          | 4            | 4      |     | <del> </del>                                     | <del> </del> | ╀              | <del> </del> _ | -              |
| }  |              | 23                   | -            | -          | +            | +      |     | ╀  | +            | ┼              | ╀              | -              |
| }  |              | 24<br>25             | $\vdash$     | ╁          | ╁            | +      | _   | ╁  | ╁            | ╁              | ├              | 1-1            |
| ŀ  |              | 26                   | $\vdash$     | ┢          | ╁            | 1      |     | 1-   | ╁            | -              | +              | 1              |
| t  |              | 27                   |              | T          | 1            | 1      | _   | †~~  | 1-           | $\dagger$      | 1              | H              |
| Ī  |              | 27<br>28<br>29<br>30 |              |            | T            | 7      |     |  | 1            | 1              |                | П              |
|    |              | 29                   |              |            | T            | 1      |     |  |              | Ī              |                | $\Box$         |
|    |              | 30                   |              |            | $\mathbf{I}$ | $\Box$ |     |  |              |                |                |                |
|    |              | 31                   | L_           | Ĺ          | L            | Ţ      |     | Ĺ  |              |                | <u></u>        |                |
| L  |              | 32<br>33             | _            | L          | L            | 1      |     |  | 1            | <u> </u>       |                | Ш              |
| -  |              | 33                   | $oxed{oxed}$ | _          | 1            | 4      |     | 1_   | 1_           | <del> </del> _ | <u> </u>       | Ш              |
| Ļ  |              | 34                   | ļ            | _          | ļ            | 4      |     | <b> </b> _                                       | 1_           | <b>—</b>       | <u> </u>       | Ш              |
| -  |              | 35                   | <u> </u>     | <u> </u>   | ╀            | 4      |     | <del> </del>                                     |              |                | <u> </u>       |                |
| -  |              | 36<br>37             |              | $\vdash$   | ╀            | +      |     | $\vdash$   | 1-           |                | -              | $\vdash\vdash$ |
| ŀ  |              | 38                   |              | -          | ╁            | +      | -   | ╢  | ├            | ├              | ┝              | Н              |
| h  |              | 39                   |              | -          | ╁            | +      |     | <del> </del>                                     | 1-           | $\vdash$       | -              | -              |
|    |              | 40                   |              | $\vdash$   | ✝            | †      | _   |  | t            | -              | -              | $\vdash$       |
| -  |              | 41                   |              | Т          | Τ            | †      |     | <del>                                     </del> | 厂            | İ              | Ė              | П              |
| r  |              | 42                   |              |            | Τ            | †      |     |  | <b> </b>     | $\vdash$       |                | П              |
|    |              | 43                   |              |            |              | I      |     |  |              |                |                |                |
|    |              | 44                   | _            |            | L            | I      | _   |  | 匚            |                |                |                |
|    |              | 45                   |              |            | L            | 1      |     |  | L            |                |                |                |
|    |              | 46                   |              |            | L            | 1      |     | L  | <u> </u>     | <u> </u>       |                |                |
| L  |              | 47                   |              |            | <u> </u>     | 1      | _   | _  | <b>!</b>     | <u> </u>       |                | Ш              |
| -  |              | 48                   |              |            | L            | 4      |     | _  | <u> </u>     |                | <u> </u>       | Ш              |
| L  |              | 49                   |              |            | <u> </u>     | 1      | _   |  | <u> </u>     | <u> </u>       |                | Щ              |
| l_ |              | 50                   |              |            |              | 1      | _ 1 |  | L            | l .            |                |                |

| Claim          |                | <del>-</del> |  |                |              |                |                |          |  |  | ٦  |
|----------------|----------------|--------------|--|----------------|--------------|----------------|----------------|----------|--|--|----|
| Cla            | 1              | 1            |  | <b>-</b>       | Da           | te             | -,             |          |  | 4  |    |
|                | 1              |              | -  | 1              |              |                |                | 1        |  | -  |    |
| Final          | Ë              | 1            |  |                |              | 1              |                |          | 1  | ĺ  | 1  |
| i <del>.</del> | Original       | 1            |  |                | 1            |                | -              | 1        | -  |  | 1  |
|                | 0              | 1            |  |                |              |                | -              |          |  |  | 1  |
|                | 51             | 1-           | +  | 1              | 1            | 1              | 1-             | $\top$   | 1  | 1  | ٦  |
|                | 51<br>52<br>53 | +            | +  | +-             | †-           | 1-             | 1-             | 1-       | 1  | +  | 1  |
|                | 53             | ╁            | +-   | ╁┈             | +-           | +-             | +-             | ╂        | ┪─   | +-   | -{ |
|                | 54             | ╁╌           | -  | ╁              | +            | -              | ┤─             | ╁        | ╁  | +-   | ┨  |
|                | 54             | ╀            | ╂—   | ╀              | +-           | -              | ┧—             | ┼-       | -  | +  | 4  |
|                | 55             | ┞            | ↓_   | ↓_             | ↓_           | <del> </del> _ | ┼-             |          | -  | -  | 4  |
|                | 56             | ╙            | 1_   | 1              | 1            | 4_             | ↓_             | ↓_       | <del> </del>                                     | ↓_   | 4  |
|                | 57             | <u> </u>     | ↓_   | _              | <u> </u>     | _              | 1_             | ļ        | 1_   | 1_   | 1  |
|                | 58             | L            | L  | L              | L            |                | 1_             | 上        | <u> </u>   | 1_   | 1  |
|                | 59             | <u> </u>     | <u> </u>                                     | į              |              |                |                |          | 1_   | 1_   | J  |
|                | 60             |              |  | $L^{-}$        |              |                | $L^{-}$        |          | $\perp$  | $\perp$  | ]  |
|                | 61             |              |  | Г              | T            | 1-             | Π              |          | Π  |  | ]  |
|                | 62             | 1            | Π  | 1              | T            | $\top$         | Τ              |          | T  |  | 7  |
|                | 63             | 1            |  | 1              | T            | 1              | 1              | Τ        | 1-   | 1  | 1  |
| -              | 64             | Г            | 1  | 1-             | 1            | T              | 1              | 1        | 1  | T  | 1  |
|                | 65             | -            | t  | +              | †-           | $t^{-}$        | 1              | 1        | 1  | 1  | 1  |
|                | 66             | 1            | <del>  -  </del>                             | 1-             | +-           | 1              | $\vdash$       | 1        | +  | +-   | 1  |
|                | 67             | -            | -  | 1-             | +-           | 1              | -              | 1-       | 1-   | 1-   | 1  |
|                |                |              | -  | 1-             | $\vdash$     | -              | ┼              | -        | +-   | +-   | 1  |
|                | 68             |              | <del> </del>                                 | <del> </del>   | 1            | <del> </del>   | <del>}</del> — | -        | <del> </del> -                                   | $\vdash$   | 1  |
| !              | 69             |              | <u>!</u>                                     | 1              | -            | -              | <del>'</del>   | -        | 1-   | <del>-</del>                                     | į  |
|                | 70             | <u> </u>     | <u> </u>                                     |                |              | <del> </del>   | <del> </del>   |          |  | -  | 1  |
|                | 71             | ļ            | <u> </u>                                     | <del> </del> _ | 1_           | <u> </u>       | <del> </del> _ | $\vdash$ | <u> </u>   | <u> </u>   | Į  |
|                | 72             | _            | <u> </u>                                     | 1_             | <u> </u>     | L_             | <u>_</u>       | <u> </u> | <u> </u>   | <u> </u>   | Į  |
|                | 73             |              | L  | _              | _            |                | <u>_</u>       | <u> </u> | L_   | <u> </u>   | 1  |
|                | 74             |              |  | _              | _            | <u>_</u>       | <u></u>        | I        | <u> </u>   |  | 1  |
|                | 75             |              | L  |                | L            |                | L              |          |  |  | 1  |
|                | 76             |              |  |                | L            |                | L              |          | L  |  |    |
| $\neg$         | 77             |              |  | Γ              |              |                |                |          |  | L  |    |
| $\neg$         | 78             |              |  | Π              |              | Π              |                |          |  | Г  | ]  |
| $\neg$         | 79             |              |  |                | 1            | Π              |                | Ι_       | Π  |  | 1  |
|                | 80             |              | -  | 1              |              | _              | П              |          | Ι  | $\vdash$   | 1  |
|                | 81             | _            | _  | 1              |              | 1              | $\vdash$       | 1        | 1  | t —  | ĺ  |
| $\dashv$       | 82             |              | -  | ┪              | $\vdash$     |                | 1              | Ι-       | <del>                                     </del> | 1  | ĺ  |
|                | 83             | _            |  | 1              | <del> </del> |                | -              | 1        | $\vdash$   | <del>                                     </del> | 1  |
| -+             | 84             |              | <u> —                                   </u> | 1-             | $\vdash$     | -              | -              |          | $\vdash$   | $\vdash$   | 1  |
|                | 85             |              | _  | $\vdash$       | ├─           |                | <del> </del> — |          |  | ⊢  | 1  |
| $\rightarrow$  | 86             |              |  | <del> </del>   | -            | -              |                |          |  | $\vdash$   | 1  |
|                | 00             |              | _  | <del> </del>   | ╢            | -              | <del> </del>   | -        | <del> </del>                                     |  | ł  |
| $\dashv$       | 87             |              |  | <del> </del>   | -            | -              | -              | -        |  | ⊢  | 1  |
|                | 88             | _            | _  | ├              | <u> — </u>   |                |                |          | _  | -  | 1  |
|                | 89             |              |  | -              |              | <u> </u>       |                | <u> </u> |  | -  | 1  |
|                | 90             |              |  | <u> </u>       | L            |                | _              | L        | <u> </u>   | <u> </u>   | l  |
|                | 91             | !            |  | <u></u>        |              | _              |                | <u> </u> | _  | <u> </u>   | l  |
|                | 92             |              |  |                | L            |                | _              | $\Box$   | _  |  |    |
|                | 93             |              |  | _              |              |                | L              |          |  |  | ļ  |
|                | 94             |              | _  |                |              |                | Г              |          |  |  |    |
| _              | 95             |              |  |                |              | П              |                |          |  |  | 1  |
| _              | 96             | 一            | _  | 1              | -            |                | $\vdash$       |          |  | $\vdash$   | ĺ  |
|                | 97             |              | _  | $\vdash$       | -            |                | -              | -        | $\vdash$   | $\vdash$   |    |
|                | 31             |              | _  | $\vdash$       | $\vdash$     | -              | $\vdash$       | $\vdash$ | -  | $\vdash$   |    |
|                | 98             |              | _  | -              |              | -              |                | $\vdash$ | -  | $\vdash$   |    |
|                | . K)           |              |  |                |              |                |                |          |  |  |    |

|   |          | L          |          |          |              |                |          |          |          |             |              |  |
|---|----------|------------|----------|----------|--------------|----------------|----------|----------|----------|-------------|--------------|--|
| ĺ | CI       | aim        | Date     |          |              |                |          |          |          |             |              |  |
|   | Final    | Original   |          |          |              |                |          |          |          |             |              |  |
| ŀ |          | 101        | 1        | 1        |              |                | 1        |          |          | -           | 1            |  |
| I |          | 102        |          |          |              |                |          |          |          |             | 1            |  |
| ĺ |          | 103        | <u></u>  |          |              |                |          |          |          |             | ]_           |  |
| ļ |          | 104        | L        | <u> </u> | <u> </u>     | _              | <u> </u> |          |          |             |              |  |
| ļ |          | 105        | _        | <u> </u> | <u> </u>     | L              | <u> </u> | _        |          | _           | L            |  |
| ŀ |          | 106        |          |          | <u> </u>     | <u> </u>       | <u> </u> | _        | <u> </u> |             | 1_           |  |
| ŀ |          | 107        | ļ        | ↓        |              | <del> </del> _ | <u> </u> | <u> </u> |          | <u> </u>    | 1_           |  |
| ŀ |          | 108<br>109 | ļ        | <u> </u> | <del> </del> | ₩              | ⊢        | -        | <u> </u> |             | _            |  |
| 1 |          | 110        | -        |          |              | ├-             |          | -        |          | -           | -            |  |
| ŀ |          | 111        | -        | ┢        | -            |                | H        |          |          |             | ╀            |  |
| ŀ |          | 112        | -        | ├        |              | i –            | $\vdash$ |          | -        |             | ├            |  |
| ŀ |          | 112<br>113 |          | -        | -            |                |          |          |          | <del></del> | ┼            |  |
| ŀ |          | 114        |          | $\vdash$ | -            | _              |          |          |          | _           | <del> </del> |  |
|   |          | 115        |          |          |              |                |          |          |          |             | Г            |  |
|   |          | 116        |          |          |              |                |          |          |          |             |              |  |
|   |          | 117        |          |          |              |                |          |          |          |             |              |  |
|   |          | 118        | !        | _        |              | <u>  : </u>    |          |          |          |             | L            |  |
| _ |          | 119        |          |          | ļ            | !              |          |          |          |             | -            |  |
|   |          | 120<br>121 | _        |          |              | -              |          | _        | _        |             | L            |  |
|   |          | 121        | _        |          |              |                |          | _        |          |             | -            |  |
|   |          | 122<br>123 | _        | _        |              |                |          | _        |          |             | H            |  |
| - |          | 124        |          |          |              | -              | Н        |          |          |             | -            |  |
| - |          | 124<br>125 |          |          |              |                | H        |          |          | _           | 1            |  |
|   |          | 126        |          |          | ·            |                | П        |          |          |             |              |  |
|   |          | 127<br>128 |          |          |              |                |          |          |          |             |              |  |
|   |          | 128        |          |          |              |                | Ш        |          |          |             |              |  |
| _ |          | 129        |          |          |              |                | Ш        |          |          |             | _            |  |
| _ |          | 130        | _        |          |              |                | Н        |          |          |             | L            |  |
| _ |          | 131        | _        |          |              |                | Ы        | _        |          |             | -            |  |
| _ |          | 132<br>133 |          |          | -            |                | Н        | -        |          |             | -            |  |
| - | -        | 134        | $\dashv$ | -        |              |                | Н        | -        |          |             | ┝            |  |
|   | $\neg$   | 135        |          |          | -            | -              | Н        | _        |          |             | _            |  |
|   |          | 136        | -        | Н        |              | H              | М        |          |          |             | Г            |  |
| - |          | 137        |          |          |              |                | П        |          |          |             |              |  |
|   |          | 137<br>138 |          |          |              | ļ              |          |          |          |             |              |  |
| _ |          | 139        |          |          |              |                |          |          |          |             | L.           |  |
| _ |          | 140        |          |          |              |                | Ш        |          |          |             |              |  |
| _ |          | 141        |          | Щ        |              |                | <u> </u> |          |          |             | <u> </u>     |  |
|   |          | 142        | _        |          | _            |                | H        |          |          |             | _            |  |
| _ | $\dashv$ | 143        | 4        |          | <u> </u>     | _              | H        | -        |          |             | <u> </u>     |  |
| _ |          | 144        | _        | -        |              | <u> </u>       | Н        |          | _        |             | -            |  |
| _ |          | 145<br>146 |          |          | $\vdash$     | _              | $\vdash$ | Н        |          |             | -            |  |
| - |          | 147        | $\dashv$ |          | H            | $\vdash$       | $\vdash$ | $\vdash$ | H        |             | <u> </u>     |  |
| - | $\dashv$ | 148        |          | H        | -            | -              |          | _        | _        | _           | -            |  |
| - |          | 149        | -        |          |              | Н              |          | _        |          |             | _            |  |
|   |          | 150        | -        |          | -            | -              |          | $\vdash$ |          |             | Ι            |  |